

Maryland Coastal Zone Management Program

Grant No. NA90AA-D-CZ795

Final Report

Task 8 - Significant Habitat Areas Protection

(Scope of Work Tasks 1, 2, 4 and 5)

SIGNIFICANT HABITAT AREAS PROTECTION

FINAL REPORT

Submitted to
Coastal Resources Division
Tidewater Administration

by
Maryland Natural Heritage Program
Resource Conservation Service

September 30, 1991

Preparation of this report was partially
funded by the Office of Ocean and Coastal
Resource Management, National Oceanic
and Atmospheric Administration

HF 393 .M3 .M38 1991-92

STUDIES OF PROTECTION NEEDS OF BAYS AND BOGS - TASK 3

We identified sources of historical aerial photos of Delmarva bays and Coastal Plain bogs using the resources of the National Archives Cartographic Center. We reviewed the film for photos taken in the late 1930s-early 1940s in order to assess the quality for sites selected for study. We identified, ordered, and recently received photos for each site from this time period. Film was not available for review for more recent photos, so we identified the source and ordered photos taken in the late 1950s. We expect to receive these in October.

We met with biologists from Natural Heritage Programs and field offices of The Nature Conservancy for the New England and mid-Atlantic states to visit Delmarva bays and discuss management needs. Similar habitats are present on the Coastal Plain from Massachusetts south to South Carolina, and we hope to coordinate research efforts regionally so that results may be compared.

LANDOWNER CONTACT SYSTEM AND COMPUTER DATABASE - TASK 4

After consulting directors of other state landowner contact programs and reviewing literature concerning natural areas protection, we concluded that the most effective and efficient means of maintaining contact with landowners is through a regular newsletter and occasional phone calls. According to a survey by the Illinois Nature Preserves Commission, half of the landowner contact programs in the United States and Canada use newsletters to stay in touch with landowners. Three-fourths of the programs recontact owners annually either by mail (such as a questionnaire or newsletter), phone, or personal visit. Most programs use a combination of these methods. At our current level of funding, annual personal visits are prohibitively time-consuming and expensive. Therefore, we prepared our first annual registry newsletter and distributed it in August 1991. We will also make annual phone calls to registered as well as cooperative landowners in order to determine:

- 1) new threats to the registered natural areas,
 - a) new management needs as a result of natural threats, such as natural succession
 - b) actions needed to avert threats from nearby proposed land use changes or other nearby activity,
- 2) owners' plans for natural areas, particularly new plans involving land use changes,
- 3) owners' observations of condition of natural areas,
- 4) changes in ownership or management responsibility

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2234 South Hobson Avenue
Charleston, SC 29405-2413

Phone conversations will provide owners an opportunity to seek advice or raise concerns about the natural area and will serve to remind owners of their commitment to protect the area. They will also contribute to maintaining a personal relationship with the owners, which is particularly important in voluntary protection programs. Only when warranted by new threats or periodic ecological monitoring needs will we personally visit landowners.

We have developed and populated our database concerning the protection status of parcels within GAPCs. Attached are examples for two parcels, the 4-H Club property within Cabin Creek Seep in Dorchester County and E.A. Adkins' property within Johnson Pond in Wicomico County.

IMPLEMENTATION OF PROTECTION/MANAGEMENT PLANS - TASK 5

Our accomplishments in this task are detailed in the attached table. We made significant progress in protecting several important sites. However, due to the large reduction in funding, we could not devote as much effort to this work as we have in previous years.

We visited the owners of 30 properties that lie within 11 GAPCs. The owners of 23 parcels entered their land in the Natural Areas Registry, contributing to the protection of five GAPCs. Our staff met with and led field trips for the managers of public lands that occur within six GAPCs.

We continue to assist the staff of the Nontidal Wetlands Division in the implementation of regulations for nontidal wetlands of Special State Concern, many of which lie within GAPCs. We met with their staff and with representatives of the timber industry to discuss the regulations concerning forestry practices in these specially designated wetlands. We are reviewing each site to assist in determining how the regulations may restrict logging. We also assisted the nontidal wetlands staff in evaluating proposals for wetland mitigation projects, particularly in assessing the appropriateness of proposed plantings for the type of wetland being replaced. One of these projects is within the Patuxent Maple Swamp GAPC.

We assisted the staff of DNR's Public Lands unit in reviewing the potential environmental impacts of projects proposed within two GAPCs on state-owned land. We attended field reviews for the projects and submitted comments that were incorporated by their staff to protect these sites. We also commented on a request from Prince Georges County for state funds to assist in acquiring property within the Watkins Forest GAPC. This proposal is on hold until the Public Land unit has sufficient funds through Program Open Space.

We made presentations to four local land trusts concerning the ecological significance of GAPCs in their regions. We provided background information on the GAPCs and discussed how we could assist them in working to protect these areas. We also reviewed the draft Long Range plan for a local land trust. Our staff worked with MET to develop a model conservation easement for owners of GAPCs. The model easement was based upon a draft easement that we jointly prepared for the primary owner of the North Grays Bog GAPC. Upon request, we also provided MET with background ecological information concerning GAPCs in the vicinity of Sinepuxent and Chincoteague Bays.

We worked with DNR foresters to incorporate the protection of part of a GAPC in a Resource Conservation Plan. This will provide protection for the rare species habitat and buffer for the 15 year duration of the plan.

Upon request, we provided maps showing the locations and boundaries of GAPCs to the Planning and Zoning Offices of Charles and Dorchester Counties. We previously provided them with background information concerning the ecological significance of each GAPC in these counties.

We consulted with the staffs of several agencies within the Water Resources Administration, Tidewater Administration, and Public Lands unit as well as with the State Soil Conservation Service, State Highway Administration, U.S. Fish & Wildlife Service and U.S. Army Corp of Engineers in the environmental review of land use proposals. Of the development proposals, 29 had the potential to impact GAPCs. We submitted recommendations to modify plans and attended numerous meetings with representatives of developers and public agencies in order to eliminate, or at least reduce, impacts to GAPCs.

LANDOWNER CONTACT SYSTEM - COMPUTER DATABASE EXAMPLE

MARYLAND NATURAL HERITAGE PROGRAM

9/30/91

Tract Basic Record (TBR)

Identifiers:

ID: COUNTER:
TRACT CODE: T.USMDHP * 322

TRACT NAME: MARYLAND 4-H CLUB FOUNDATION, INC.

SITE CODE: S.USMDHP*113 SITE NAME: CABIN CREEK SEEP

MANAGED AREA CODE: MANAGED AREA NAME:

Locators:

NATION: US STATE: MD
COUNTY CODE: MDDORC COUNTY NAME: Dorchester
TAXMAP: MAP 13, PARCEL 90

Tract Description:

TRACT DESCRIPTION: WOODED 4-H CAMP WITH CAMP BUILDINGS, CORRAL,
AND ARTIFICIAL POND.

ENVIRONMENTAL HAZARD ASSESSMENT APPROVAL:

HAZARD COMMENT:

BUILDING IMPROVEMENTS: Y

BUILDING IMPROVEMENTS COMMENT: STRUCTURES ON SITE INCLUDE CAMP
BUILDINGS AND CORRAL.

Current Ownership:

OWNERID: C.USMDHP*299 OWNER TYPE: CORPORATE
OWNER ADDRESS: MS. AMY LEBER
MARYLAND 4-H CLUB FOUNDATION, INC.
8020 VETERINARY SCIENCE DR.
COLLEGE PARK, MD 20740

BEST CONTACT: DAN JACKSON OR AMY LEBER

BEST CONTACT NUMBER: 301-454-3736

Status data:

TOTAL TRACT ACRES:

ACRES WITHIN PRIMARY AND SECONDARY BOUNDARIES: 18.50

ACRES WITHIN PRIMARY BOUNDARY: 6.90

CURRENT STATUS: 2 (REGISTERED)

INTENDED STATUS: 2 (REGISTERED)

CURRENT/INTENDED STATUS COMMENT:

FAIR MARKET VALUE (FMV): \$

FMV SOURCE:

TRACT COMMENT: LOCAL CONTACT IS IRENE HARPER AT 301-943-3998.
MAINTAIN WOODED BUFFER (AT LEAST 100 FT. OR WHATEVER

REMAINS), ADJACENT TO ALL WETLANDS ASSOCIATED WITH CABIN
CREEK SEEP.

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TBR, T.USMDHP * 322

9/30/91

Element Occurrence Information:

EOCODE: NAME:
PMLIL10010*007 HELONIAS BULLATA

GRANK: SRANK: EORANK:
G2 S1 D

Record Maintenance:

LEAD RESPONSIBILITY: USMDHP

OFFICE:	INITIALS:	CHANGE DATE:	CHANGE FIELDS:
USMDHP	LMD	91-09-30	59/63
USMDHP	LMD	91-03-11	2/3/10/12/19/20/22/23/24/2

MARYLAND NATURAL HERITAGE PROGRAM

9/30/91

Tract Basic Record (TBR)

Identifiers:

ID: COUNTER:
TRACT CODE: T.USMDHP * 326
TRACT NAME: E.S. ADKINS, CO.
SITE CODE: S.USMDHP*356 SITE NAME: JOHNSON POND
MANAGED AREA CODE: MANAGED AREA NAME:

Locators:

NATION: US STATE: MD
COUNTY CODE: MDWORC COUNTY NAME: Worcester
TAXMAP:

Tract Description:

TRACT DESCRIPTION: WOODED SWAMP ADJACENT TO WICOMICO RIVER,
ADJACENT TO HOUSING DEVELOPMENT ON WEST.

ENVIRONMENTAL HAZARD ASSESSMENT APPROVAL:

HAZARD COMMENT:

BUILDING IMPROVEMENTS:

BUILDING IMPROVEMENTS COMMENT:

Current Ownership:

OWNERID: C.USMDHP*303 OWNER TYPE: INDIVIDUAL
OWNER ADDRESS: MR. BILL BOSTIAN
E. S. ADKINS, CO.
801 N. SALISBURY BLVD.
SALISBURY, MD 21801

BEST CONTACT: BILL BOSTIAN, MGR.

BEST CONTACT NUMBER: 301-749-3171

Status data:

TOTAL TRACT ACRES:

ACRES WITHIN PRIMARY AND SECONDARY BOUNDARIES: 12.24

ACRES WITHIN PRIMARY BOUNDARY: 6.12

CURRENT STATUS: 1 (CONTACTED)

INTENDED STATUS: 7 (EASEMENT)

CURRENT/INTENDED STATUS COMMENT: CHRIS LEWIS OF THE LOWER SHORE
LAND TRUST IS CURRENTLY PURSUING AN EASEMENT (2/91).

FAIR MARKET VALUE (FMV): \$

FMV SOURCE:

TRACT COMMENT: MAINTAIN ENTIRE TRACT AS WOODED BUFFER SINCE ALL
IS SEASONALLY INUNDATED. AVOID DUMPING TRASH IN WOODLANDS.

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TBR, T.USMDHP*326
9/30/91

Element Occurrence Information:

EPCODE: NAME:

GRANK: SRANK: EORANK:

Record Maintenance:

LEAD RESPONSIBILITY: USMDHP

OFFICE:	INITIALS:	CHANGE.DATE:	CHANGE.FIELDS:
USMDHP	LMD	91-09-30	11
USMDHP	LMD	91-05-10	3
USMDHP	LMD	91-03-11	2/3/10/11/12/19/20/22/23/2

PROGRESS IN PROTECTING GAPCS AS OF SEPTEMBER 30, 1991

Note: The first column refers to the Intended Status (IS) of the site and includes Registry (REG), Acquisition (ACQ), Management Agreement (MNG), Designated Natural Area by Federal agency (DES), or Transfer from another State agency to DNR (TRF). Sites that The Nature Conservancy will work to protect are noted by 'TNC' after Intended Status. NHP will work to protect all other sites. PROT STAT shows the proportion of land which has been protected: * = 1-25%, ** = 26-50%, *** = 51-75%, **** = 76-100%; no entry indicates that although we may have worked with owners, no protection efforts have been completed yet. Under owners visited and owners registered, the first number indicates how many owners were visited or registered, the second number is the total numbers of parcels within the site. Under ENV REV, 'Y' (yes) and 'N' (no) refer to whether NHP conducted an environmental review of proposed development plans potentially affecting a GAPC since 30 September 1990. Under REG NTW, 'Y' (yes) indicates a GAPC includes a regulated non tidal wetland, while 'N' indicates it does not. Under comments, '**' indicates new accomplishments since 30 September 1990.

IS	SITE NAME	PRIORITY	PROT STAT	OWNER(S) VISITED	OWNER(S) REGIS	ENV REV	REG NTW	COMMENTS
ANNE ARUNDEL COUNTY								
ACQ	Benfield Bottomland	MED	***	1/7	0	N	Y	Most of site owned by DNR and conserved as natural area. Manager informed of significant habitat.
MNG	Fort George G. Meade	HIGH		1/1	0	Y	Y	**Successfully led DNR effort to promote protection of surplus land as public natural area. 90% of surplus land transferred to Dept. of Interior as research area or refuge October 1, 1991. Met with State and Federal agency representatives to discuss future land management.
REG	Freelown Swamp	HIGH	*	1/5	0	Y	Y	**Met with Federal agencies to develop permit conditions for residential development. Evaluated status of rare species after initial phase of development.
REG	Fresh Pond	MED				Y	Y	**Assisted POS in responding to owner offer to sell to State; visited site and owner. Worked with county and DNR agencies to review mitigation plan proposed for adjacent development.
TRF	Gumbottom Wetland	HIGH	**	1/30	1	Y	Y	**Primary ownership transferred to DNR. Recommended modification of lease with county to limit nearby park development. Modified gypsy moth spray area to exclude GAPC. Five major landowners contacted; 2 visits planned.
REG	John Wesley Church	LOW		0	0	N	Y	Assisted MET to develop easement to protect part of site.
REG	North Gray's Bog	HIGH	***	16/16	14/16	Y	Y	**Registered Homeowners Association (major owner). Drafted easement

<u>IS</u>	<u>SITE NAME</u>	<u>PRIORITY</u>	<u>PROT</u> <u>STAT</u>	<u>OWNER(S)</u> <u>VISITED</u>	<u>OWNER(S)</u> <u>REGIS</u>	<u>ENV REV</u>	<u>REG</u> <u>NTW</u>	<u>COMMENTS</u>
								language - committee to meet this fall to consider. Re-registered other major owner (previous owner moved). Modified gypsy moth spray area to exclude GAPC. Commented on proposal for road construction near GAPC. Added new parcel to GAPC to include all rare species habitat; meeting with this owner scheduled 10/8/91.
REG	Patuxent Maple Swamp	HIGH		1/2	0	N	Y	SHA mitigation plans and county park development plans modified to protect GAPC based on our field analysis and comments.
DES	Patuxent Wildlife Research Center	HIGH		1/1	0	Y	Y	**Land manager visited concerning rare species in vicinity of proposed construction. Potential conflict resolved.
REG	Shady Pond	MED-HI		1/8	0	Y	N	**Worked with consultant to revise subdivision plans to exclude disturbance of GAPC.
REG	Solley Powerline	LOW-MED		1/1	0	N	N	Owner interested in protecting area.
ACQ	Stony Run	MED		0	0	Y	Y	**Reviewing proposed hiking trail/greenway through site.
REG	Watershed Woods	MED		0	0	Y	Y	Assisted LPS in evaluating proposed trail and nature center. Visited site with county rep. and LPS staff.
CALVERT COUNTY								
REG	Caivent Cliffs State Park	MED-HI	****	1/1	0	N	Y	Recommended for designation as State Wildlands. Assisted Capital Programs in proposal. Legislature approved...now officially designated!!! Site now well protected.
REG	Patuxent Highlands	MED		1/5	0	N	Y	Primary habitat owned by DNR. Informed land manager of significant habitat, consulting w/manager to provide protection in property management plan.
REG	Port Republic Watershed	MED-HI		3/40	0	N	Y	**Informed DNR forester re: rare species locations and protection needs.

<u>IS</u>	<u>SITE NAME</u>	<u>PRIORITY</u>	<u>PROT</u> <u>STAT</u>	<u>OWNER(S)</u> <u>VISITED</u>	<u>OWNER(S)</u> <u>REGIS</u>	<u>ENV REV</u>	<u>REG</u> <u>NTW</u>	<u>COMMENTS</u>
REG	West Governor Run Watershed	MED-HI	*	4/10	0	Y	Y	Commented on primary landowner's draft Long Range plan. **With DNR forester, incorporated protection in Resource Conservation Plan for land added to GACP due to rare species discovery. Commented on primary owner's draft Long Range Plan. Commented in support of MET easements on 2 parcels, one primary and one secondary.
CAROLINE COUNTY								
REG	Central Avenue Corner	LOW		0	0	N	Y	**Owner registered by TNC. Assisting Wetlands Division in reviewing maintenance plans for nearby ditches.
REG TNC	Greer's Pond	LOW-MED	****		1/1	Y	Y	
REG TNC	Hourglass Pond	LOW-MED	**		1/4	N	Y	Owner registered by TNC.
MNG	Opossum Hill Powerline	MED		0	0	N	Y	**Power company agreed to work with us to protect rare species habitat. Visit with owner scheduled 10/1/91.
REG	Schuyler Pond	HIGH		0	0	Y	Y	**Assisting Nontidal Wetlands Division in reviewing maintenance plans for nearby ditches.
REG TNC	South Melville Crossroads Pothole	MED	****		2/4	N	Y	Owners registered by TNC.
CECIL COUNTY								
MNG	Bald Friar Ravine	LOW-MED	**	1/3	1/3	N	Y	Primary owner registered and agreed to work with us to protect habitat.
REG	Camp Rodney Swamp	HIGH		1/4	0	N	Y	Recommended that county designate over half of site as Habitat Protection Area under Critical Area Regs.
REG TNC	Cecil Bog	LOW-MED	****		3/3	N	Y	**Power company will manage for rare species habitat. Owners registered by TNC. Consulted w/DNR forester to develop 15 year forest management plan that will protect primary habitat. Habitat marked on site.

<u>IS</u>	<u>SITE NAME</u>	<u>PRIORITY</u>	PROT <u>STAT</u>	OWNER(S) <u>VISITED</u>	OWNER(S) <u>REGIS</u>	<u>ENV REV</u>	REG <u>NTW</u>	<u>COMMENTS</u>
ACQ TNC	Charlestown West Seeps	HIGH		1/2	0	N	Y	TNC negotiating with owner to acquire area as co-op using State Heritage Conservation Funds.
REG	Goat Hill Serpentine Glade	MED-HI	*	1/2	1/2	N	N	**Primary owner registered and agreed to manage for rare species habitat. Ownership of 1 parcel uncertain, tax map inaccurate. Field meeting with land manager scheduled 10/10/91 to plan site management.
REG	Horseshoe Woods	LOW	***	6/9	1/9	N	N	Primary owner registered. All owners notified.
MNG	Log Cabin Sedge Meadow	LOW-MED		0	0	N	Y	
REG	Octoraro Slopes	MED	****	1/1	1/1	N	Y	Sole owner registered entire site.
MNG	Richardsmere Powerline	LOW	*	1/2	0	N	N	**Power company agreed to manage habitat for rare species, did not register because they do not own right-of-way land. Field meeting scheduled with land manager 10/10/91 to plan site management.
REG	Roaring Woods	LOW-MED	***	2/3	1/3	N	Y	Primary owner registered.
REG TNC	Rock Springs Powerline	LOW-MED	**	1/9	1/9	N	N	**Primary owner registered and agreed to manage habitat for rare species. Field meeting with land manager scheduled 10/10/91 to plan site management.
REG	Stone Run Millpond	LOW		0	0	Y	Y	Reviewed development proposed nearby, requested rare species survey.
ACQ TNC	Whitaker Swamp	HIGH		2/2	0	N	Y	**Discussed wetlands regs with owner. High priority acquisition site for DNR. Owners want to protect rare species, but not to sell or register.
MNG	Wildcat Ravine	LOW-MED	**	1/2	1/2	N	Y	Primary owner registered.
CHARLES COUNTY								
ACQ	Brentland Woods	MED		2/4	0	N	Y	Primary owner refused to register. All owners notified.
REG	Bryantown Swamp	LOW		0	0	N	Y	Primary owner notified.
REG	Cai Pond	LOW-MED		0	0	N	Y	Ownership uncertain, tax map inaccurate.

<u>IS</u>	<u>SITE NAME</u>	<u>PRIORITY</u>	<u>PROT STAT</u>	<u>OWNER(S) VISITED</u>	<u>OWNER(S) REGIS</u>	<u>ENV REV</u>	<u>REG NTW</u>	<u>COMMENTS</u>
REG	County Line Trail Seep	MED-HI		1/1	0	Y	Y	**DNR is sole owner. Land manager informed of significant habitat. Reviewed proposed ATV trail. Met with proponent and LPS on site.
REG	Doncaster Forest	MED	****	1/1	0	N	Y	**DNR is sole owner. Assisting land manager in developing management plan that includes GAPC within larger protected natural area.
REG	Indian Head Ravine	LOW-MED		1/1	0	N	N	**Working with managing agency to designate as natural area.
ACQ TNC	Maryland Point Swamp	MED-HI		0	0	N	Y	Ownership uncertain, tax map inaccurate.
REG	Port Tobacco Run	LOW-MED		0	0	N	Y	
DORCHESTER COUNTY								
REG TNC	Big Millpond	MED		0	0	N	Y	**Primary owner (pulp company) does not recognize previous agreement to protect wetlands plus buffer. Visited site with land manager and met with regional manager. Company is considering registry - decision pending.
ACQ TNC	Brookview Ponds	MED		1/2	0	N	Y	**Primary owner registered. One secondary owner cooperative. One owner not recorded in tax map. Responded to proposal for nearby groundwater pumping.
REG	Cabin Creek Seep	HIGH	***	2/3	1/3	Y	Y	High priority acquisition site for DNR, TNC will negotiate with owners. Pulp company agreed to register most of site. We worked with company crew to mark boundaries of protection area. Press release about registry published.
ACQ TNC	Gales Creek	MED-HI		0	0	N	Y	TNC attempted Registry. Owner not interested.
REG TNC	Marshhope Seasonal Pond	MED	***	1/1	1/1	N	Y	
REG TNC	Messick Pond	LOW-MED		0	0	N	Y	
KENT COUNTY								
ACQ TNC	Black Bottom Ponds	HIGH		1/4	0	N	Y	**Visited site with manager of State land within GAPC, he agreed to

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	ACQ	Golis Ponds	HIGH	0	0	N	Y	protected area, may incorporate protection in long term management plan.
	REG	Golis Railway Ponds	MED	1/3	0	N	Y	Notified manager of DNR land within GAPC.
	REG	Millington WMA Ponds	MED-HI	1/1	0	N	Y	Land manager agreed to protect area, and may incorporate protection in long term management plan.
PRINCE GEORGES COUNTY								
DES	Beck Woods	MED-HI		1/1	0	N	Y	**Managing agency informally agreed to protective designation as Research Forest. We have offered input in upcoming Master Planning process. Commented on proposed construction project near GAPC.
REG	Belt Woods	MED-HI	*	0	0	Y	Y	**Responded to revised proposal for housing development. Met with owner and DNR agencies, recommended buffer plus wildlife corridors and other modifications to protect GAPC. Primary area owned and conserved as natural area by DNR. Land manager notified.
DES	Beltsville Airport Bog	MED-HI		1/2	0	Y	Y	**Managing agency informally agreed to protective designation as a Research Forest. We have offered input in upcoming Master Planning process. Commented on proposed construction project near GAPC.
DES	Beltsville Bottomland Forest	MED-HI		1/1	0	N	Y	**Managing agency informally agreed to protective designation as a Research Forest. We have offered input in upcoming Master Planning process. Commented on proposed construction project near GAPC.
DES	Beltsville Forest and Meadow	MED-HI		1/1	0	N	Y	**Managing agency informally agreed to protective designation as a Research Forest. We have offered input in upcoming Master Planning process. Commented on proposed construction project near GAPC.
DES	Beltsville Seasonal Ponds	MED-HI		1/1	0	N	Y	**Managing agency informally agreed to protective designation as a

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								Research Forest. We have offered input in upcoming Master Planning process. Commented on proposed construction project near GAPC.
REG	Buck Lodge Road Bog	LOW-MED		0	0	N	Y	Primary owner notified of significant habitat.
ACQ TNC	Chews Lake	MED-HI		1/4	0	N	Y	Primary landowner considering registry - decision pending.
REG	County Line Trail Seep	MED-HI		1/1	0	Y	N	**DNR is sole owner. Land manager informed of significant habitat.
DES	Fort Ravine	MED	****	1/1	1/1	N	Y	Reviewed proposed ATV trail. Met with proponent and LPS on site.
								**Discussed GAPC with new regional resource manager. Previously visited GAPC with park manager and regional resource manager.
								Superintendent agreed to register.
REG	Huntington Park Woods	MED		1/2	0	N	Y	MNCPPC notified of importance of wooded buffer on their land within GAPC.
DES	Johnson's Gully	MED	***	1/11	1/11	N	Y	**Discussed GAPC with new regional resource manager. Previously visited site with park manager and regional resource manager. NPS Superintendent agreed to register.
DES	Mockley Swamp	MED-HI	****	1/1	1/1	N	Y	**Discussed GAPC with new regional resource manager. Owner (National Park Service) agreed to register.
REG	Patuxent Maple Swamp	HIGH		1/2	0	N	Y	SHA mitigation plans and park development plans were modified based upon our field analysis and comments.
REG	Patuxent Wildlife Research Center	MED-HI		1/1	0	Y	Y	**Land manager visited concerning rare species in vicinity of proposed construction. Potential conflict resolved.
REG	Poplar Hill Forest	MED		2/8	0/8	N	N	One owner cooperative. One owner indicated willingness to register.
REG	Queen Anne Road Hillside	MED		1/4	0	N	N	Notified manager of State-owned land within GAPC.
MNG	Route 1-95 Bog	LOW-MED		0	0	N	Y	
REG	Southwest Branch Bottomland Forest	MED		1/1	0	N	Y	Worked with TNC and owner to persuade county to protect GAPC.

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REG	Suitland Bog	MED-HI		1/1	0	Y	Y	County agreed to protect GAPC, is considering registry. **Reviewed road construction and industrial development proposed near site. MNCPPC considering registry - decision pending. County has taken many steps to reduce impacts of visitors to park.
REG	Watkins Forest	MED-HI		1/2	0	Y	Y	**Led site trip with park naturalists to discuss ecological significance of site. MNCPPC (primary owner) considering registry - decision pending. Assisted LPS in reviewing county request for funds to acquire portion of site.
QUEEN ANNE'S COUNTY								
ACQ TNC	Kane Crossroads Pond	MED-HI		0	0	N	Y	
REG	Starr Ponds	LOW-MED		0	0	N	Y	Primary owner seems interested in protecting area.
REG	Teats Branch Pond	LOW-MED		1/3	0	N	Y	**Reviewed proposed surface mine adjacent to GAPC. Primary habitat owned by DNR. Land manager notified of significant habitat.
ACQ	Unicorn Millpond	LOW-MED		0	0	Y	Y	
ST. MARY'S COUNTY								
REG	Church Swamp	MED		0	0	Y	Y	**Commented on commercial tree planting proposed by DNR forester.
REG	Mill Creek Pond	MED	***	1/6	1/6	N	Y	**Primary landowner registered. Press release distributed. Two other owners notified.
REG	Miski Run Woods	LOW-MED		0	0	Y	Y	
SOMERSET COUNTY								
MNG	Eden Swamp and Powerline	MED		0	0	N	Y	**Owner visit scheduled 10/1/91. Power company interested in managing to protect rare species habitat.
MNG	Moore's Chapel Roadside	MED		0	0	N	N	

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	TALBOT COUNTY							
REG	Geib Fairview Ponds	MED		0	0	N	Y	
	WICOMICO COUNTY							
REG	Barren Creek	LOW-MED		0	0	N	Y	**Owner visit scheduled 10/1/91. Power company interested in managing to protect rare species habitat.
MNG	Campbell Powerline			0	0	N	Y	**Owner visit scheduled 10/1/91. Power company interested in managing to protect rare species habitat.
MNG TNC	Horsebridge Creek Bog	LOW-MED		0	0	Y	Y	**Owner visit scheduled 10/1/91. Power company interested in managing to protect rare species habitat. Reviewed proposed ditching near site.
REG	Johnson Pond	MED-HI	****	18/21	15/21	Y	Y	**One nonregistered landowner pursuing easement. Continuing to coordinate with State and federal agencies in review of SHA bridge across wetlands.
MNG TNC	Plum Creek Bog	MED-HI	****		1/1	N	Y	Owner registered by TNC.
REG	Pocomoke Oxbow	LOW-MED		1/1	0	Y	N	**Prospective owner, City of Berlin, is modifying land use plans in accordance with our input to groundwater permitting process. Indicated interest in registry.
MNG TNC	Sharpdown Bog	MED	*	1/10	1/10	N	Y	**TNC registered primary landowner. Pulp company considering registry.
MNG	Spearin Road Powerline	LOW		1/4	0	N	Y	**Owner visit scheduled 10/1/91. Power company interested in managing to protect rare species habitat. Buffer owner considering registry.
	WORCESTER COUNTY							
REG	Burbage Crossing Swamp	LOW-MED		0	0	N	Y	
REG	Campground Branch	LOW-MED		0	0	N	Y	

IS	SITE NAME	PRIORITY	PROT STAT	OWNER(S) VISITED	OWNER(S) REGIS	ENV REV	REG NTW	COMMENTS
MNG	Colbourne Powerline	LOW-MED		1/3	0	N	Y	**Met with pulp company's regional manager. Company considering registry. Power company interested in managing to protect rare species habitat.
REG	Dividing Creek Ponds	MED-HI		0	0	N	Y	Owned by DNR. Land manager notified of significant habitat.
REG	E.A. Vaughn WMA Woodland	MED		0	0	N	Y	Owned by DNR. Land manager notified of significant habitat.
MNG	Forest Lane	LOW-MED		0	0	N	N	
ACQ	Furnace	MED		1/6	0	N	N	Primary habitat owned by DNR. Land manager notified of significant habitat. Secondary owner visited.
MNG	Furnace Road Powerline	MED		0	0	N	Y	**Owner visit scheduled 10/1/91. Power company interested in managing to protect rare species habitat.
REG	Little Mill Run	LOW	**	17/24	8/24	N	Y	**7 parcels with cooperative landowners. Pulp company considering registry.
MNG	Longridge Powerline	MED		0	0	N	Y	**Owner visit scheduled 10/1/91. Power company interested in managing to protect rare species habitat.
REG	Mt. Olive Church Pond	MED-HI		1/1	0	N	Y	**Met with Pulp company's regional manager. Company considering registry - decision pending.
MNG	Oak Hall Road Powerline	LOW-MED		0	0	N	Y	**Owner visit scheduled 10/1/91. Power company interested in managing to protect rare species habitat.
REG	Pawpaw Creek	MED	***	10/11	6/11	N	Y	All primary owners have registered.
REG TNC	Pikes Creek	MED	***	2/2	1/2	N	Y	Primary owner registered by TNC. Pulp company considering registry.
REG	Pocomoke Oxbow	LOW-MED		1/1	0	Y	Y	**Prospective owner, City of Berlin, is modifying land use plans in accordance with Heritage input to groundwater permitting process. Indicated interest in registry.
REG	Powell Creek	MED-HI	***	9/11	9/11	N	Y	**Primary owner registered by TNC. Surveyed to confirm presence of

IS	SITE NAME	PRIORITY	PROT STAT	OWNER(S) VISITED	OWNER(S) REGIS	ENV REV	REG NTW	COMMENTS
								rare species following false report of logging damage. TNC may pursue easement.
ACQ TNC	Scotts Landing Pond	LOW-MED	**		2/3	N	Y	Two owners registered by TNC.
MNG	Stockton Powerline	LOW-MED		1/2	0	N	Y	**Owner visit scheduled 10/1/91. Pulp company considering registry.
								Power company interested in managing to protect rare species habitat.
REG TNC	Tanhouse Creek	HIGH		0	0	N	Y	**New survey revealed large population of federal candidate plant. TNC actively pursuing acquisition.
ACQ	West Ocean City Pond	MED		1/7	0	Y	Y	**Primary owner wants to develop property, but may work to reduce sedimentation of pond. Reviewed proposed spoil disposal next to pond.

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